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Technology Center 2600

OMB No. 0651-0011

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INFORMATION
DISCLOSURE
STATEMENT

Atty. Docket No.:	H0001072	Serial No.:	09/776,470
	Confirmation No.:		
Applicant: Pavlidis			
Filing Date:	02/02/01	Group:	2621-2623

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
VB		4,500,784	02/19/85	Hacskaylo			
VB		4,520,504	05/28/85	Walker et al.			
VB		5,013,917	05/07/91	Ulich			
VB		5,221,919	06/22/93	Hermans			
VB		5,703,367	12/30/97	Hashimoto et al.			
VB		5,900,942	05/04/99	Spiering			
VB		5,940,139	08/17/99	Smoot			
VB		6,002,505	12/14/99	Kraenert et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
		none					

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

VB		Fendt et al., "The neuroanatomical and neurochemical basis of conditioned fear," <i>Neurosci Biobehav Rev</i> , 23(5):743-60 (May, 1999).
VB		Jacquez et al., "The spectral reflectance of human skin in the region 0.7-2.6 μm," <i>Technical Report</i> , 189, Army Medical Research Laboratory, Fort Knox (April, 1955).
VB		Jordan et al., "Hierarchical Mixtures of Experts and the EM Algorithm," <i>Neural Computation</i> , 6, pp. 181-214 (1994)
VB		Levin et al., "The energy expended in chewing gum," <i>New England Journal of Medicine</i> , 341(27):2100 (Dec., 1999).
VB		Mendez, <i>The Master of Disguise</i> , William Morrow and Co., New York, N.Y.; cover page, title page, copyright page and table of contents only; 4 pgs. (1999).

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Atty. Docket No.: H0001072

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Applicant: Pavlidis

Filing Date: 02/02/01

Group: 2621 262-3

✓		Moghaddam et al., "Probabilistic Visual Learning for Object Recognition," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):696-710 (July, 1997).
		Otsu, "A Threshold Selection Method from Gray-Level Histograms," <i>IEEE Trans. Systems, Man And Cybernetics</i> , 9:(1)62-65 (Jan., 1979).
	✓	Pavlidis et al., "Automatic passenger counting in the high occupancy vehicle (HOV) lanes" <i>Proceedings 1999 Annual Meeting of the Intelligent Transportation Society of America</i> , Washington, D.C. (April 19-22, 1999).
		Pavlidis et al., "A near-infrared fusion scheme for automatic detection of vehicle passengers," <i>Proceedings 1999 IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications</i> , 41-48, Fort Collins, C.O. (June 22, 1999).
	✓	Penev et al., "Local feature analysis: a general statistical theory for object representation," <i>Network: Computation in Neural Systems</i> , 7(3):477-500 (Aug., 1996).
		Pentland et al., "Face recognition for smart environments," <i>IEEE Computer</i> , 33(2):50-55 (Feb., 2000).
	✓	Phillips et al., "The FERET database and evaluation procedure for face-recognition algorithms," <i>Image and Vision Computing</i> , 16(5):295-306 (April, 1998).
	✓	Prokoski "Disguise detection and identification using infrared imagery," <i>Proceedings of SPIE, Optics, and Images in Law Enforcement II</i> , 339:27-31, A.S. Hecht, ed., Arlington, V.A. (May, 1982).
✓		Sabins, <i>Remote Sensing, Principles and Interpretation</i> , W.H. Freeman and Company, New York, N.Y.; cover page, title page, copyright page and table of contents only; 7 pgs. (1997, 3rd ed.).

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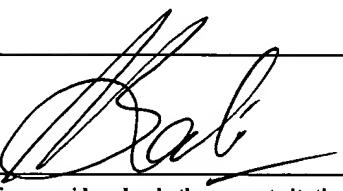
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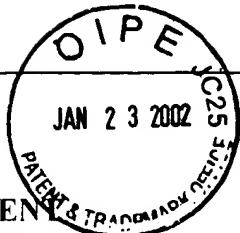
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		Confirmation No.: 7145
	Applicant: Pavlidis	
Filing Date: 02/02/01	Group: 2621 2623	

VB		Sliney, "Laser and LED eye hazards: safety standards," <i>Optics and Photonics News</i> , pp 32- (Sept., 1997).
		Visionics Corporation, "Face detection constantly searches for faces in a datastream" Jersey City, N.J.; retrieved from the Internet on June 25, 2001, <URL: http://www.visionics.com/faceit/tech/detect.html >, 1 pg.
		Wiskott et al., "Face recognition by elastic bunch graph matching," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):775-779 (July, 1997).
		Zhu et al., "Region Competition: Unifying Snakes, Region Growing, and Bayes/MDL for Multiband Image Segmentation," <i>IEEE Transactions on Image Analysis and Machine Intelligence</i> , 18(9) (Sept., 1996). 884-900

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PATENT





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	M&R 115.00170101	Confirmation No.: 7145
	Applicant: PAVLIDIS et al.	
	Filing Date: 02/02/01	Group: 2621-2623

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
							SEP 25 2002
							Technology Center 2600

FOREIGN PATENT DOCUMENTS							
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						Yes	No

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VB		Fujimasa et al., "Converting Far-Infrared Image Information to Other Physiological Data," <i>IEEE Engineering in Medicine and Biology</i> , Vol. 19, No. 3, pp. 71-75, 2000
VB		Gose et al., "Pattern Recognition and Image Analysis," pp. 159-186, Prentice Hall, Upper Saddle River, New Jersey (1996)
VB		Holden, "Panel Seeks Truth in Lie Detector Debate," <i>Science</i> , Vol. 291, No. 9, p. 967, 2001.
VB		Iwatani, "An Estimation Method of Skin Blood Flow Rate Using Heat Flow Analysis," <i>Japanese Journal of Medical Electronics and Biological Engineering</i> , Vol. 20, No. 3, pp. 249-255, includes English Abstract, 1982
VB		Levine et al., "Face of Fear", <i>The Lancet</i> , Volume 357, Number 9270, 6/2/01

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		M&R 115.00170101	Confirmation No.: 7145
		Applicant: PAVLIDIS et al.	
		Filing Date: 02/02/01	Group: 2621

VB		Pavlidis et al., "Automatic Detection of Vehicle Occupants-The Imaging Problem and Its Solution," <i>Machine Vision and Applications</i> , Vol. 11, No. 6, pp. 313-320, 2000.
VB		Pavlidis et al., "Monitoring of Periorbital Blood Flow Rate Through Thermal Image Analysis and its Application to Polygraph Testing", Proceedings 23 rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Istanbul, Turkey, October 25-28, 2001
VB		Pavlidis et al., "Thermal Imaging for Anxiety Detection", 2000 <i>IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications</i> , pp. 104-109, Hilton Head Island, South Carolina, June 16, 2000.

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Applicant: PAVLIDIS et al.			
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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
YB		2,944,542	07/12/60	Barnett et al			
		3,847,142	11/12/74	Williams, Jr. et al			
		5,099,852	03/31/92	Meister et al.			RECEIVED
		5,339,817	08/23/94	Nilsson			MAR 03 2003
		5,361,769	11/08/94	Nilsson			
		5,363,311	11/08/94	Garbo		Technology Center 2600	
		5,370,121	12/06/94	Reichenberger et al.			
		5,406,956	04/16/95	Farwell			
		5,507,291	04/16/96	Stirbl et al.			
		5,774,571	06/30/98	Marshall			
		5,860,922	01/19/99	Gordon et al.			
		5,860,935	01/19/99	Blaszynski et al.			
		5,876,334	03/02/99	Levy			
		6,464,646	10/15/02	Shalom et al.			
		20020062089A1	05/23/02	Johnson Jr.			
YB		20020091336A1	07/11/02	Cohen			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

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YB		Measuring Intelligence. www.bbc.co.uk/science/hottopics/intelligence/iq.shtml . April 2002

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	3/8/04

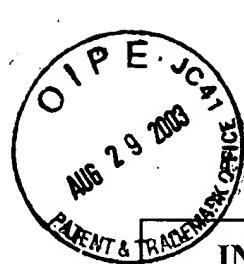
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U.S. PATENT DOCUMENTS							
Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
VB	✓	US2003/0012253 A1	1-16-03	PAVLIDIS			
VB	✓	US2003/0016726 A1	1-23-03	PAVLIDIS			RECEIVED
							MAR 27 2003
							Technology Center 2600
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
		Yes	No				
VB	✓	0 885 587 A1	12/23/98	EP			
VB	✓	98/08431	03/05/98	WO			
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							

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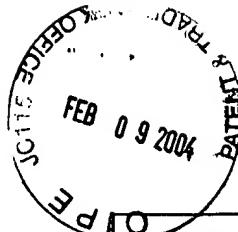
U.S. PATENT DOCUMENTS							
Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
YB	✓	4,403,615	09/13/83	Hoehner	/	/	
VB	✓	2002/0183627	12/5/02	Nishii et al.	/	/	RECEIVED
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							Yes

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U.S. PATENT DOCUMENTS							
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YB	✓	4,878,116	10-31-89	Thomas et al	1		
YB	✓	4,940,059	07-10-90	Voelz			
YB	✓	5,603,328	09-11-01	Zucker et al.			

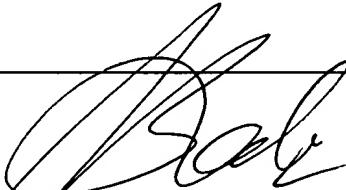
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes
YB	✓	59195134 A	11-1984	JP	—	—	

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